

IN THE CLAIMS:

Please amend claims 1 and 4.

1. (Currently Amended) A sound pressure level calibrating a sound pressure level sensor comprising:

a pistonphone having a piston and an adjustable pistonphone volume for producing a sound pressure with a selected excitation frequency;

and a high-pressure adapter, which is connected to an output of the pistonphone volume; wherein

the high-pressure adapter includes a tube formed as a $\lambda/4$ resonator having a length which is adapted to the excitation frequency of the pistonphone to amplify the ~~produced~~ sound pressure produced in the pistonphone volume and an expanded adapter opening with a sealing ring for a soundproof of connection to said sound pressure level sensor to be calibrated.

2. (Previously Presented) The sound pressure level calibrator as claimed in claim 1, wherein the resonator is a tube of a length (L) with a constant diameter (d).

3. (Previously Presented) The sound pressure level calibrator as claimed in claim 1, wherein the high pressure adapter, further includes an integral mechanical compensation link in order to improve the soundproof connection of high pressure adapter to the sound pressure level sensor.

4. (Currently Amended) A method for calibrating a sound pressure level sensor comprising the steps of:

providing a pistonphone having a piston and an adjustable pistonphone volume for producing a sound pressure with a selected excitation frequency;

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(cont.)
amplifying the produced sound pressure by means of a high-pressure adapter which includes a tube formed a $\lambda/4$ resonator having a length which is adapted to the excitation frequency of the pistonphone to amplify the sound pressure produced in the pistonphone volume, and an expanded adapter opening with a sealing ring in order to provide soundproof connection to said sound pressure level sensor to be calibrated.

5. (Original) The method according to claim 4, further comprising the step of forming a mechanical compensation link integral with the high pressure adapter in order to improve the soundproof connection of the high pressure adapter to the sound pressure level sensor.
